

PTO/SB/08A (10-01)

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Complete if Known Substitute for form 1449A/PTO 10/708,618 **Application Number** INFORMATION DISCLOSURE March 16, 2004 Filing Date STATEMENT BY APPLICANT First Named Inventor Susumu Noda 2874 Art Unit (use as many sheets as necessary) (To be assigned) **Examiner Name** of Sheet Attorney Docket Number 39,040

[	U.S. PATENT DOCUMENTS							
Examiner Initials	No.1	Document Number Number - Kind Code 2 (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
JHB	<u>A1</u>	US-2002/0009277-A1	01-24-2002	Noda et al.				
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FOREIGN PATENT DOCUMENTS							
Examiner Initials		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columna, Lines, Where Relevant Passages		
		Country Code 3 - Number 4 - Kind Code 1 (# known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	Τ <sup>¢</sup>	
25		JP-2001-272555-A	10-05-2001	Kansai TLO KK and TDK		~	
JMB	F2	W <b>6</b> 03/081304-A1	10-02-2003	Japan Sci & Tech Corp.		~	
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Complete if Known Substitute for form 14498/PTO 10/708,618 March 16, 2004 **Application Number** INFORMATION DISCLOSURE Filing Date First Named Inventor Susumu Noda STATEMENT BY APPLICANT 2874 Group Art Unit (To be assigned) (use as many sheets as necessary) Examiner Name Attorney Docket Number 39.040 Sheet of

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the lem (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Τ²
JIMB	01	A. Chutinan and S. Noda, "Waveguides and waveguide bends in two-dimensional photonic crystal slabs," Physical Review B, Vol. 62, No. 7, 2000, pp. 4488-4492.	
ant	02	K. Srinivasan and O. Painter, "Momentum space design of high-Q photonic crystal optical cavities," OPTICS EXPRESS, Vol. 10, No. 15, 29 July 2002, pp. 670-684.	
JMB	03	S. Noda, et al., "Trapping and emission of photons by a single defect in a photonic bandgap structure," Nature, Vol. 407, 5 October 2000, pp. 608-610.	
JMB	04	O. Painter, et al., "Two-Dimensional Photonic Band-Gap Defect Mode Laser," SCIENCE, Vol. 284, 11 June 1999, , pp. 1819-1821.	
JMB	05	J. Vuckovic, et al., "Design of phtonic crystal microcavities for cavity QED," PHYSICAL REVIEW E, Vol. 65, pp. 016608-1 to 016608-11.	
JMB	06	O. Painter, et al., "Defect modes of a two-dimensional photonic crystal in an optically thin dielectric slab," J. Opt. Soc. Am. B, Vol. 16, No. 2, February 1999, pp. 275-285.	
JMB	07	Y. Akahane, et al., "Design of a channel drop filter by using a donor-type cavity with high-quality factor in a two-dimensional photonic crystal slab," Applied Physics Letters, Vol. 82, No. 9, pp. 1341-1343.	

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		U.S. PATE	ENT DOCUMENTS	
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FOREIGN PATENT DOCUMENTS						
Examiner Ci	Cito	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	l
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JMB	01	Joon Huh, et al., "Nondegenerate monopole mode of single defect two-dimensional triangular photonic band-gap cavity," Journal Of Applied Physics, American Institute of Physics, Vol. 92, No. 2, July 15, 2002, pp. 654-659.			
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